

Product datasheet for **TA329716**

HOXC11 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-HOXC11 antibody: synthetic peptide directed towards the middle region of human HOXC11. Synthetic peptide located within the following region: EAPPASGLASRAEAGAEAEAEENTNPSSSGSAHSVAKEPAKGAAPNAPR
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	34 kDa
Gene Name:	homeobox C11
Database Link:	NP_055027 Entrez Gene 3227 Human O43248



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Background:

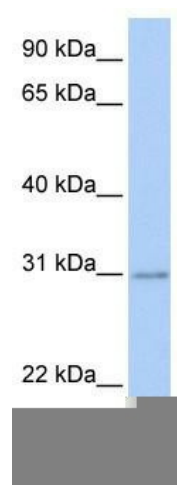
HOXC11 belongs to the homeobox family. The homeobox family is a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. HOXC11 is one of several homeobox HOXC proteins. HOXC11 binds to a promoter element of the lactase-phlorizin hydrolase. It may also play a role in early intestinal development. This gene belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, which are located on different chromosomes and consist of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXC genes located in a cluster on chromosome 12. The product of this gene binds to a promoter element of the lactase-phlorizin hydrolase. It also may play a role in early intestinal development. An alternatively spliced variant encoding a shorter isoform has been described but its full-length nature has not been determined.

Synonyms:

HOX3H

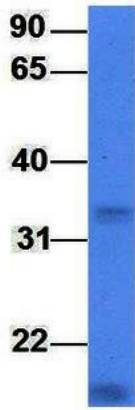
Note:

Immunogen sequence homology: Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Guinea pig: 100%; Rabbit: 92%; Yeast: 91%; Dog: 85%

Product images:

WB Suggested Anti-HOXC11 Antibody Titration:
0.2-1 ug/ml; Positive Control: Human brain

HOXC11



Rabbit Anti-HOXC11
Sample Type: Human 721_B
Antibody Concentration: 1ug/mL

Host: Rabbit; Target Name: HOXC11; Sample
Tissue: 721_B; Antibody Dilution: 1.0ug/ml;
HOXC11 is supported by BioGPS gene expression
data to be expressed in 721_B